

1965 INDEX

A

- Advances in Applied Microbiology*, 6, 412
Advances in Drug Research, 1, 226
Advances in Food Research, 12, 107
Advances in Genetics, 11, 194
Advances in Insect Physiology, 1, 2, 392
Advances in Marine Biology, 2, 284
 AHUJA, M. R., Genetic Control of Tumor Formation in Higher Plants, 329
 Alkjaersig, N. et al., Bleeding in the Surgical Patient, 226
 Altman, P. L., and D. S. Dittmer, *Biology Data Book*, 419
 Altschul, A. M., Proteins: Their Chemistry and Politics, 315
 Amphibians, effects of ionizing radiation on development of, 1-67
 Andrewes, C., Viruses of Vertebrates, 322
 Anfinsen, C. B., The Molecular Basis of Evolution, 113
 ANGEL, J. L., On the Teaching of Physical Anthropology, 68-70
 Anichkov, S. V., and M. L. Belen'kii, Pharmacology of the Carotid Body Chemoreceptors, 106
 ANIMAL GROWTH AND DEVELOPMENT (book reviews), 212, 308, 389
 ANIMAL MORPHOLOGY (book reviews), 100, 210, 308, 389
 ANIMAL NUTRITION (book reviews), 107, 311, 398
 ANIMAL PHYSIOLOGY (book reviews), 101, 212, 309, 391
Annual Review of Entomology, 7, 96; 8, 205; 9, 205; 10, 206
Annual Review of Microbiology, 18, 320
Annual Review of Physiology, 27, 391
Annual Review of Phytopathology, 1, 95; 2, 299
 Ansell, G. B., and J. N. Hawthorne, Phospholipids, 3, 404
 Appleman, P., The Silent Explosion, 229
 Arbib, M. A., Brains, Machines, and Mathematics, 217
 Ariens, E. J. (ed.), *Molecular Pharmacology*, 1, 2, 407
 Arlow, J. A., and C. Brenner, Psychoanalytic Concepts and the Structural Theory, 227
 Armstrong, C. N., and A. J. Marshall (ed.), Intersexuality in Vertebrates Including Man, 390

- Arthur, R. R. (ed.), *Symposium on Phytochemistry*, 408
 Aspermia, mutation rates and evolution, hyperthermia, 341
 Audus, L. J. (ed.), *The Physiology and Biochemistry of Herbicides*, 94

B

- Baer, J. G., *Comparative Anatomy of Vertebrates*, 389
 Bailey, R. M., and M. O. Allum, *Fishes of South Dakota*, 98
 Baker, A. D., Check Lists of the Nematode Superfamilies Dorylaimoidea, Rhabditoidea, Tylenchoidea, and Aphelenchoidea, 119
 Baldwin, E., *An Introduction to Comparative Biochemistry*, 4th ed., 401
 Ballard, W. W., *Comparative Anatomy and Embryology*, 368
 Balthasar, V., *Monographie der Scarabaeidae und Aphodiidae*, 1, 2, 3, 387
 Bargmann, W., and J. P. Schade (ed.), *Topics in Basic Neurology*, 213
 Barka, T., and P. J. Anderson, *Histochemistry*, 219
 Barnard, C. (ed.), *Grasses and Grasslands*, 295
 Barneby, R. C., *Atlas of North American Astragalus*, 384
 Barnes, H. (ed.), *Oceanography and Marine Biology*, 1, 377
 Batson, W. T., *Wild Flowers in South Carolina*, 384
 Baumrin, B. (ed.), *Philosophy of Science*, 1, 2, 280
 Beaton, G. H., and E. Willard (ed.), *Nutrition*, 1, 2, 398
 Berger, A. J., *Elementary Human Anatomy*, 389
 Bernfeld, P. (ed.), *Biogenesis of Natural Compounds*, 116
 Bidstrup, P. L., *Toxicity of Mercury and its Compounds*, 397
 BIOCHEMISTRY (book reviews), 110, 219, 314, 417
 BIOLOGY: HISTORY AND BIOGRAPHY (book reviews), 72, 181, 282, 372
 BIOMETRY (book reviews), 327, 417
 BIOPHYSICS AND GENERAL PHYSIOLOGY (book reviews), 109, 216, 312, 400
 Bittar, E. E., *Cell pH*, 109

- Blachly, L., and R. Jenks, Naming the Birds at a Glance, 98
- Black, C. C., A Review of the North American Tertiary Sciuridae, 191
- Blackwood, H. J. J. (ed.), Bone and Tooth, 210
- Blough, D. S. and P. M., Experiments in Psychology, 228
- Bold, H. C., The Plant Kingdom, 2nd ed., 381
- Bonner, J. T., The Ideas of Biology, 280
- Bonner, J., and P. Ts'o, The Nucleohistones, 405
- Bourne, G. H., and J. F. Danielli, International Review of Cytology, 15, 86
- Boyle, R., Experiments and Considerations Touching Colours, 314
- Braungart, D. C., and R. Buddeke, An Introduction to Animal Biology, 6th ed., 301
- Bresch, C., Klassische und molekulare Genetik, 289
- Brewbaker, J. L., Agricultural Genetics, 291
- Brieger, E. M., Structure and Ultrastructure of Microorganisms, 117
- British Museum (Natural History), British Palaeozoic Fossils, 286
- Brown, C. C., Instrumentation with Semiconductors, 419
- Brown, J. L., The Integration of Agonistic Behavior in the Steller's Jay, 324
- Brown, R. E., Techniques for Teaching Conservation Education, 372
- Brückner, A., Optical Constants (Elements), Refraction, Accommodation, 110
- BRUNST, V. V., Effects of Ionizing Radiation on the Development of Amphibians, 1-67
- Buehr, W., World Beneath the Waves, 373
- Buettner-Janusch, J. (ed.), Evolutionary and Genetic Biology of Primates, I, II, 379
- Bull, H. B., An Introduction to Physical Biochemistry, 317
- BURCH, P. R. J., and R. G. BURWELL, Self and Not-Self: A Clonal Induction Approach to Immunology, 252-279
- Burn, H., Our Most Interesting Diseases, 119
- Burnett, A. L., and T. Eisner, Animal Adaptation, 284
- Burnett, J. H. (ed.), The Vegetation of Scotland, 375
- Burton, A. C., Physiology and Biophysics of the Circulation, 394
- Busch, H., Histones and Other Nuclear Proteins, 405
- Busnel, R. G. (ed.), Acoustic Behaviour of Animals, 121

C

- Chapman, V. J., The Algae, 89
- Cheng, T. C., The Biology of Animal Parasites, 414
- Chibnall, A. C., Protein Metabolism in the Plant, 299
- Choron, J., Modern Man and Mortality, 179
- Christensen, H. N., Biological Transport, 101
- Clarke, C. A., Genetics for the Clinician, 2nd ed., 289
- Clegg, F. E., General Science Biology, 374
- Clonal induction approach to immunology, self and not-self, 252-279
- Cold Spring Harbor Laboratory of Quantitative Biology, 29, Human Genetics, 381
- , 28, Synthesis and Structure of Macromolecules, 113
- Collias, N. E., and E. C., Evolution of Nest-Building in the Weaverbirds, 325
- Collins, C. H., Microbiological Methods, 411
- Colowick, S. P., and N. O. Kaplan (ed.), Methods in Enzymology, V, VI, VIII, 316
- Cooley, R. A., Politics and Conservation, 216
- Cooney, D. G., and R. Emerson, Thermophilic Fungi, 292
- Corbett, M. K., and H. D. Sisler (ed.), Plant Virology, 413
- Coulson, R. A., and T. Hernandez, Biochemistry of the Alligator, 219
- COWLES, R. B., Hyperthermia, Aspermia, Mutation Rates and Evolution, 341
- Crandall, L. S., The Management of Wild Mammals in Captivity, 186
- Critical evaluation of the ontogeny of human sexual behavior, 147-175
- Crombie, A. (ed.), Scientific Change, 72

D

- Danielli, J. F. et al. (ed.), Recent Progress in Surface Science, I, 2, 400
- Darlington, C. D., Genetics and Man, 288
- Darlington, H. T., The Mosses of Michigan, 293
- Dasmann, R. F., Wildlife Biology, 284
- Davis, P. H., and V. H. Heywood, Principles of Angiosperm Taxonomy, 199
- Davson, H., A Textbook of General Physiology, 3rd ed., 218

- DE BELL, J. T., A Long Look at Neuromuscular Junctions in Nematodes, 233-251
- de Lotto, G., Observations on African Mealy Bugs (Hemiptera: Coccoidea), 304
- DE OMNIBUS REBUS ET QUIBUSDAM ALIIS (book reviews), 232, 328, 418
- De Virville, D., and J. Feldmann (ed.), Fourth International Seaweed Symposium, 382
- DIAMOND, M., A Critical Evaluation of the Ontogeny of Human Sexual Behavior, 147-175
- Dibner, B., Darwin of the Beagle, 182
- Dietrich, G., General Oceanography, 187
- Dill, D. E. (ed.), Adaptation to the Environment, 76
- Dixon, M., and E. D. Webb, Enzymes, 2nd ed., 403
- Dobzhansky, T., Heredity and the Nature of Man, 288
- Dole, S. H., Habitable Planets for Man, 229
- Dröschner, V. B., The Mysterious Senses of Animals, 284

E

- Eckenfelder, W. W., and J. McCabe (ed.), Advances in Biological Waste Treatment, 183
- ECOLOGY AND NATURAL HISTORY (book reviews), 73, 183, 283, 374
- ECONOMIC BOTANY (book reviews), 94, 204, 299, 386
- ECONOMIC ZOOLOGY (book reviews), 108, 216, 398
- Edwards, R., Coronary Case, 226
- Effects of ionizing radiation on the development of amphibians, 1-67
- Eissler, R. S. et al. (ed.), The Psychoanalytic Study of the Child, 19, 326
- Eklund, C. R., and J. Beckman, Antarctica, 80
- Essays of an evolutionist, 176-178
- Evans, L. T. (ed.), Environmental Control of Plant Growth, 92
- EVOLUTION (book reviews), 80, 188, 285, 377
- Evolution, hyperthermia, aspermia, mutation rates and, 341
- Eyre, S. R., Vegetation and Soils, 77

F

- Faegri, K., and J. Iversen, Textbook of Pollen Analysis, 2nd ed., 200
- Falk, J. E., Porphyrins and Metalloporphyrins, 404

- Fenn, W. O., and H. Rahn (ed.), Handbook of Physiology, sect. 3, 1, 393
- Ficchi, R. F., Electrical Interference, 219
- Finck, A., Tropische Böden, 300
- Fink, H. et al., Problems of Cooley's Anemia, 324
- Fishman, A. P., and D. W. Richards (ed.), Circulation of the Blood, 212
- Florkin, M., and A. Dollfus (ed.), Life Sciences and Space Research, II, 328
- Florkin, M., and H. S. Mason (ed.), Comparative Biochemistry, VI, 223
- Flower, R. H., The Nautiloid Order Ellesmeroceratida (Cephalopoda), 191
- , Nautiloid Shell Morphology, 191
- , Studies of the Actinoceratida, 190
- Fogg, G. E. (ed.), Cell Differentiation, 87
- Fox, S. W. (ed.), The Origins of Prebiological Systems, 377
- Frazer, A. C. (ed.), Biochemical Problems of Lipids, 403
- Friedlander, E., Psychology in Scientific Thinking, 416
- Fringe, H., and M. Fringe, Animal Communication, 415

G

- Gabriel, K. L. et al., Veterinary Toxicology, 109
- Gates, D. M., Energy Exchange in the Biosphere, 78
- GENERAL BIOLOGY: PHILOSOPHY AND EDUCATION (book reviews), 71, 179, 280, 371
- GENERAL AND SYSTEMATIC BOTANY (book reviews), 88, 197, 292, 381
- GENERAL AND SYSTEMATIC ZOOLOGY (book reviews), 96, 204, 301, 386
- Genetic control of tumor formation in higher plants, 329
- GENETICS AND CYTOLOGY (book reviews), 85, 193, 286, 381
- Gest, H., A. San Pietro, and L. P. Vernon (ed.), Bacterial Photosynthesis, 117
- Giese, A. C. (ed.), Photophysiology, 1, 2, 312
- Gill, M. M., Topography and Systems in Psychoanalytic Theory, 3, No. 2, 227
- Gilmour, A., and J., Understanding Your Senses, 282
- GLASS, B., Essays of an Evolutionist, 176-178
- Gleason, H. A., and A. Cronquist, Manual of Vascular Plants of Northeastern United States and Adjacent Canada, 89

- Glenn, W. W. L. et al., Cardiac Pacemakers, 226
- Glick, D. (ed.), Methods of Biochemical Analysis, XI, 111
- , Quantitative Chemical Techniques of Histo- and Cytochemistry, I, II, 115
- Goldstein, A., Biostatistics, 417
- Goodey, T., Soil and Freshwater Nematodes, 206
- Goodnight, C. L., M. L. Goodnight, and P. Gray, General Zoology, 204
- Goss, R. J., Kinetics of Compensatory Growth, 123-146
- Gottschalk, W., Die Wirkung mutierter Gene auf die Morphologie und Funktion pflanzlicher Organe, 290
- Gowen, J. W., (ed.), Heterosis, 194
- Grant, J. K. (ed.), The Control of Lipid Metabolism, 403
- , Methods of Separation of Subcellular Structural Components, 113
- Grant, V., The Architecture of the Germplasm, 287
- Greep, R. O. (ed.), Human Fertility and Population Problems, 326
- Griffin, D. R., Bird Migration, 415
- Growth, kinetics of compensatory, 123-146
- Gunsalus, I. C., and R. Y. Stanier (ed.), The Bacteria, V, 224
- Gurland, J. (ed.), Stochastic Models in Medicine and Biology, 327
- H
- Haggis, G. H. et al., Introduction to Molecular Biology, 312
- Hall, B. P., The Francolins, a Study in Speciation, 84
- Hall, D. A. (ed.), International Review of Connective Tissue Research, I, 2, 100
- Hamilton, L. D. (ed.), Physical Factors and Modification of Radiation Injury, 217
- Hamm, R. L., and L. Nason, An Ecological Approach to Conservation, 371
- Hammerman, D. R., and W. M., Teaching in the Outdoors, 372
- Harding, J. P., and N. Tebble (ed.), Speciation in the Sea, 81
- Hardy, J. D. (ed.), Physiological Problems in Space Exploration, 231
- Harris, H., Garrod's Inborn Errors of Metabolism, 193
- Harris, M., Cell Culture and Somatic Variation, 291
- Harris, M., Pharmaceutical Microbiology, 411
- Harris, R. J. C., Cellular Basis and Aetiology of Late Somatic Effects of Ionizing Radiation, 120
- , Cytogenetics of Cells in Culture, 381
- Harris, R. S., I. G. Wool, and J. A. Loraine (ed.), Vitamins and Hormones, 22, 315
- Harris, T. M., The Yorkshire Jurassic Flora: II, 82
- Harris, V. A., The Anatomy of the Rainbow Lizard, *Agama agama*, 100
- , The Life of the Rainbow Lizard, 100
- Harrison, R. G., A Textbook of Human Embryology, 2nd ed., 308
- Hartman, O., Polychaeta Errantia of Antarctica, 3, 303
- Hasëk, M., A. Lengerová, and M. Vojtišková (ed.), Mechanisms of Immunological Tolerance, 102
- Haworth-Booth, M., The Moutan or Tree Peony, 204
- Hayes, W., The Genetics of Bacteria and Their Viruses, 196
- HEALTH AND DISEASE (book reviews), 119, 224, 322
- Hediger, H., Wild Animals in Captivity, 399
- Heidenreich, R. D., Fundamentals of Transmission Electron Microscopy, 314
- Henkes, H. E., and L. H. van der Tweel (ed.), Flicker, 313
- Hering, E., Outlines of a Theory of the Light Sense, 396
- Herskowitz, I. H., Bibliography on the Genetics of *Drosophila*, Pt. 4, 194
- Heukelekian, H., and N. C. Donero, Principles and Applications in Aquatic Microbiology, 118
- Hill, M. N. (ed.), The Sea, II, III, 187
- Hockenhull, D. J. D. (ed.), Progress in Industrial Microbiology, 4, 223, 5, 413
- Hoffman, R. L., A Revision of the North American Annelid Worms of the Genus *Cambarincola*, 204
- Howell, F. C., and F. Bourlière (ed.), African Ecology and Human Evolution, 84
- Hoy, J. M., A Catalogue of the Eriococcidae of the World, 304
- Hughes, G. M. (ed.), Homeostasis and Feedback Mechanisms, 395

HUMAN BIOLOGY (book reviews), 121, 229, 326, 416

Human sexual behavior, a critical evaluation of the ontogeny of, 147-175

Hurd, P. D. Jr., and J. S. Moure, A Classification of the Large Carpenter Bees (*Xylocopini*), 97

Hutchinson, J. (ed.), Essays on Crop Plant Evolution, 378

—, The Genera of Flowering Plants (*Angiospermae*), 383

Hutner, S. H. (ed.), Biochemistry and Physiology of Protozoa, *III*, 402

Huxley, T., Science and Education, 280

Hvass, H., Birds of the World, 388

Hyde, P., and F. Leydet, The Last Redwoods, 184

Hylander, C. J., Fishes and Their Ways, 388

Hyperthermia, aspermia, mutation rates and evolution, 341

I

Immunology, self and not-self: a clonal induction approach to immunology, 252-279

Institut Français d'Afrique Noire, *Mélanges Ichthyologiques dédiés à la mémoire d'Achille Valenciennes*, 305

International Rice Research Institute, Rice Genetics and Cytogenetics, 291

International Union of Pure and Applied Chemistry, The Royal Irish Academy, and the Irish National Committee for Chemistry, The Chemistry and Biochemistry of Fungi and Yeasts, 116

Ionizing radiation on the development of amphibians, effects of, 1-67

Isaacs, A., Introducing Science, 72

J

Jacobs, W. P., and C. E. LaMotte, Regulation in Plants by Hormones, and Teacher's Supplement, 179

Jensen, W. A., and L. G. Kavaljian (ed.), Plant Biology Today, 197

Jevons, F. R., The Biochemical Approach to Life, 400

Jones, F. G. W., and M. Jones, Pests of Field Crops, 398

Jones, G. N., Flora of Illinois, 3rd ed., 90

K

Kallmann, F. J. (ed.), Expanding Goals of Genetics in Psychiatry, 86

Kalmus, H., Genetics, 286

Kamen, M. D., Primary Processes in Photosynthesis, 93

Karlson, P., Introduction to Modern Biochemistry, 110

Katzman, R. et al., Sensory Evoked Responses in Man, 218

Kaussmann, B., Pflanzenanatomie, 201

Kinetics of compensatory growth, 123-146

Kingsbury, J. M., Poisonous Plants of the United States and Canada, 225

Kiss, F., and J. Szentágothai, Atlas of Human Anatomy, *I, II, III*, 231

Knobloch, I. W. (ed.), Selected Botanical Papers, 88

Koenigswald, G. H. R. von et al. (ed.), Evolutionary Trends in Foraminifera, 188

Kofler, L., Croissance et Développement des Plantes, 296

König, J. F. R., and R. A. Klippel, The Rat Brain, 211

Kozhov, M., Lake Baikal and Its Life, 74

Kozlowski, T. T., Water Metabolism in Plants, 203

Kuehner, R. L. et al., Recent Advances in Odor: Theory, Measurement, and Control, 217

L

Lacks, S. (ed.), Subunit Structure of Proteins, 406

Lanham, U., The Insects, 207

Lasley, J. F., Genetics of Livestock Improvement, 290

Lawson, C. A., and M. A. Burmester, Programmed Genetics, 2, 287

Lehrman, R. L., The Reproduction of Life, 180

Leitch, J. M., and D. N. Rhodes (ed.), Recent Advances in Food Sciences, 3, 107

Leone, C. A. (ed.), Taxonomic Biochemistry and Serology, 409

Lépine, P., Techniques de Laboratoire en Virologie Humaine, 414

Lerner, M., and O. W. Anderson, Health Progress in the United States: 1900-1960, 224

Levedahl, B. H., and A. A. Barber, Zoethout's Laboratory Experiments in Physiology, 6th ed., 101

- Levi, H. W., American Spiders of the Genus *Theridion*, 205
 Leydet, F., Time and the River Flowing: Grand Canyon, 283
 — (ed.), Tomorrow's Wilderness, 184
 Little, E. L., and F. H. Wadsworth, Common Trees of Puerto Rico and the Virgin Islands, 385
 Long look at neuromuscular junctions in nematodes, 233-251
 Lowdin, P.-O., and B. Pullman (ed.), Molecular Orbitals in Chemistry, Physics, and Biology, 418
 Lüdtke, H., Praktikum der vergleichenden Zoohistologie, 211
 Lundegårdh, H., Pflanzenphysiologie, 92

M

- Mace, A. E., Sample-Size Determination, 327
 Macfadyen, A., Animal Ecology, 2nd ed., 73
 Maheshwari, J. K., The Flora of Delhi, 90
 Maheshwari, P. (ed.), Recent Advances in the Embryology of Angiosperms, 202
 Malek, I. et al. (ed.), Continuous Cultivation of Microorganisms, 412
 Malherbe, W. D. et al., Some Aspects of Metabolic Diseases in Man and Animals, 119
 Mandelbaum, D. G., G. W. Lasker, and E. M. Albert (ed.), Resources for the Teaching of Anthropology, 68
 —, —, and — (ed.), The Teaching of Anthropology, 68
 Manner, H. W., Elements of Comparative Vertebrate Embryology, 212
 Marsland, D., Manual of Biology, 4th ed., 371
 —, Principles of Modern Biology, 4th ed., 371
 Matthews, L. H., and M. Knight, The Senses of Animals, 214
 Mayer, W., and R. Van Gelder (ed.), Physiological Mammalogy, 1, 106; 2, 394
 Mayr, E., Systematics and the Origin of Species, 286
 McGrady, P., The Savage Cell, 323
 McLaren, A. D., and D. Shugar, Photochemistry of Proteins and Nucleic Acids, 314
 McVaugh, R., P. C. Standley, and L. O. Williams, Flora of Guatemala, 199
 Medes, G., and S. P. Reimann, Normal Growth and Cancer, 119
 Meester, J., A Systematic Revision of the Shrew Genus *Crocidura* in Southern Africa, 99
 Meier, H., Experimental Pharmacogenetics, 101
 Meier, H., W. G. Hoag et al., Epizootiology of Cancer in Animals, 119
 Meyer, F. J., Das trophische Parenchym, 201
 Meynell, G. C., and E., Theory and Practice in Experimental Bacteriology, 411
 MICROBIOLOGY (book reviews), 117, 223, 317, 411
 Miller, A. H., and R. C. Stebbins, The Lives of Desert Animals in Joshua Tree National Monument, 375
 Miller, M. E., Anatomy of the Dog, 308
 Mitchell, H. H., Comparative Nutrition of Man and Domestic Animals, 2, 311
 Moore, J. A. (ed.), Physiology of the Amphibia, 215
 Moore, R. C. (ed.), Treatise on Invertebrate Paleontology, Pt. C, 192
 Morgan, T. H., The Theory of the Gene, 193
 Morkhoven, F. P. C. M. van, Post-Palaeozoic Ostracoda, II, 189
 Moruzzi, G., A. Fessard, and H. H. Jasper (ed.), Brain Mechanisms, 216
 Moyle, J. B., Northern Non-Woody Plants, 295
 Munro, H. N., and J. B. Allison (ed.), Mammalian Protein Metabolism, I, II, 222
 Mutation rates and evolution, hyperthermia, aspermia, 341

N

- Nahas, G. G., B. R. Fink et al., Regulation of Respiration, 213
 Nahikian, H. M., A Modern Algebra for Biologists, 232
 Napier, J., and N. A. Barnicot (ed.), Symposia of the Zoological Society of London, No. 10: The Primates, 307
 Nastuk, W. L. (ed.), Physical Techniques in Biological Research, V, 109
 Nematodes, a long look at neuromuscular junctions in, 233-251
 Neurath, H. (ed.), The Proteins, 1, 2nd ed., 220; 2, 221; 3, 406
 Neuromuscular junctions in nematodes, a long look at, 233-251
 Nikol'skaya, M. H., The Chalcid Fauna of the U.S.S.R.: Chalcidoidea, 306
 Nilan, R. A., The Cytology and Genetics of Barley, 1951-1962, 197
 Norman, A. G. (ed.), The Soybean, 94

O

- Oakley, K., Frameworks for Dating Fossil Man, 380
- Odum, E. P., Ecology, 183
- Ognev, S. I., Mammals of U.S.S.R. and Adjacent Countries, *V*, 208; *VI*, *VII*, 307
- Olsen, Y. H. (ed.), Fishes of the Western North Atlantic, No. 1, Pt. 3, 208; Pt. 4, 209
- Olson, E. C., Late Permian Terrestrial Vertebrates, U.S.A. and U.S.S.R., 83
- O'Malley, C. D., Andreas Vesalius of Brussels 1514-1564, 182
- On the teaching of physical anthropology, 68
- Ontogeny of human sexual behavior, critical evaluation of, 147-175
- Oparin, A. I., The Chemical Origin of Life, 285
- OPPENHEIMER, J., The Pharyngula: A Unifying Concept of Anatomy and Embryology, 368
- Overzier, C. (ed.), Intersexuality, 390

P

- Paddock, W. and P., Hungry Nations, 417
- PARASITOLOGY (book reviews), 119, 224, 321, 414
- Parsons, J. J., The Green Turtle and Man, 108
- Patten, B. M., Foundations of Embryology, 2nd ed., 308
- Perring, F. H., P. D. Sell, and S. M. Walters, A Flora of Cambridgeshire, 295
- Peters, J. A., Dictionary of Herpetology, 207
- Peterson, R., Silently, by Night, 210
- Pharyngula: a unifying concept of anatomy and embryology, 368
- Physical anthropology, on the teaching of, 68-70
- Pincus, G. (ed.), Recent Progress in Hormone Research, 20, 214
- PLANT DEVELOPMENT (book reviews), 202, 296
- PLANT MORPHOLOGY (book reviews), 200
- PLANT PHYSIOLOGY (book reviews), 91, 202, 297
- Plants, genetic control of tumor formation in higher, 329
- Poole, L. and G., Scientists Who Work Outdoors, 282
- Portmann, A., New Paths in Biology, 281
- Postlethwait, S. N., Plant Science—A Workbook with an Audio Program Approach, 181
- Potts, W. T. W., and G. Parry, Osmotic and Ionic Regulation in Animals, 309
- PSYCHOLOGY AND ANIMAL BEHAVIOR (book reviews), 121, 227, 324, 415

- Purvis, M. J., D. C. Collier, and D. Walls, Laboratory Techniques in Botany, 200

R

- Rainer, J. D. et al. (ed.), Family and Mental Health Problems in a Deaf Population, 323
- Randall, W. C. (ed.), Nervous Control of the Heart, 396
- Ransom, J. E., Fossils in America, 378
- Ray, P. M., The Living Plant, 203
- Raymont, J. E. G., Plankton and Productivity in the Oceans, 79
- Reed, S. C., Counseling in Medical Genetics, 2nd ed., 85
- Riley, V., J. G. Fortner, et al., The Pigment Cell, 88
- Robbins, W. W., T. E. Weier, and C. R. Stocking, Botany, 198
- Rockstein, M. (ed.), The Physiology of Insecta, *I*, 214; *II*, *III*, 393
- Romberger, J. A., Meristems, Growth, and Development in Woody Plants, 296
- Root, W. S., and F. G. Hofmann (ed.), Physiological Pharmacology, *I*, Pt. A, 104
- Rose-Innes, A. G., Low Temperature Techniques, 419
- Rosenfeld, I., and O. A. Beath, Selenium, 407
- Ross, H. H., A Synthesis of Evolutionary Theory, 80
- Rowland, J. T., The Good Beasts, 376
- Royal Society, Biographical Memoirs of Fellows of the Royal Society, *10*, 373
- Rubin, B. A., and Ye. V. Artsikhovskaya, Biochemistry and Physiology of Plant Immunity, 202
- Rudd, R. L., Pesticides and the Living Landscape, 376
- Rutter, A. J., and F. H. Whitehead (ed.), The Water Relations of Plants, 78
- Ruttner, F., Fundamentals of Limnology (Grundriss der Limnologie), 183

S

- Salton, M. R. J., The Bacterial Cell Wall, 320
- Sandon, M., Essays on Protozoology, 301
- Sargent, S., Galen Clark: Yosemite Guardian, 282
- Sauvage, C., Flore des Subéraies Marocaines, 91
- Schaefer, R., Die pflanzlichen Symbiosen, 88
- Scharrer, E. and B., Neuroendocrinology, 104

- Schmidt-Nielsen, K., *Animal Physiology*, 2nd ed., 311
- Schwab, J. J. (supervisor), *Biology Teachers' Handbook*, 71
- Schwartz, E. and C., *When Animals are Babies*, 183
- Self and not-self: a clonal induction approach to immunology, 252-279
- Selye, H., *From Dream to Discovery*, 73
- Sexual behavior, a critical evaluation of the ontogeny of human, 147-175
- Shelford, V. E., *The Ecology of North America*, 184
- Shirley, H. L., *Forestry and its Career Opportunities*, 2nd ed., 301
- Slack, J. M., V. F. Gerencser, and S. J. Deal, *Experimental Pathogenic Microbiology*, 2nd ed., 320
- Sluckin, W., *Imprinting and Early Learning*, 415
- Slud, P., *The Birds of Costa Rica*, 185
- Smiley, C. J., *The Ellensburg Flora of Washington*, 82
- Smit, B., *Insects in Southern Africa*, 399
- Snell, E. E. et al., *Chemical and Biochemical Aspects of Pyridoxal Catalysts*, 111
- Southwick, C. H., *Primate Social Behavior*, 227
- Sprent, J. F. A., *Parasitism*, 321
- Stahl, F. W., *The Mechanics of Inheritance*, 195
- Steele, A. R., *Flowers for the King*, 181
- Steinhaus, E. A. (ed.), *Insect Pathology*, I, II, 120
- Steward, F. C., *Plants at Work*, 298
- Sturtevant, A. H., and G. W. Beadle, *An Introduction to Genetics*, 85
- Sunderman, F. W., and F. W. Sunderman Jr. (ed.), *Evaluation of Thyroid and Parathyroid Functions*, 102
- Symposia:
- Bacterial Photosynthesis, 117
 - Bone and Tooth, 210
 - Brain Mechanisms, 216
 - Cell Differentiation, 87
 - Cellular Basis and Aetiology of Late Somatic Effects of Ionizing Radiation, 120
 - Chemical and Biochemical Aspects of Pyridoxal Catalysis, 111
 - Chemistry and Biochemistry of Fungi and Yeasts, 116
 - Continuous Cultivation of Microorganisms, 412
 - Cytogenetics of Cells in Culture, 381
 - Evaluation of New Drugs in Man, 397
 - Evaluation of Thyroid and Parathyroid Functions, 102
 - Expanding Goals of Genetics in Psychiatry, 86
 - Flicker, 313
 - Fourth International Seaweed Symposium, 382
 - Homeostasis and Feedback Mechanisms, 395
 - Hormones and the Kidney, 395
 - Human Fertility and Population Problems, 326
 - Human Genetics, 381
 - Life Sciences and Space Research, II, 328
 - Man and His Future, 229
 - Mechanisms of Immunological Tolerance, 102
 - Methods of Separation of Subcellular Structural Components, 113
 - Nerve, Brain and Memory Models, 216
 - Origins of Prebiological Systems, 377
 - Peptides, 112
 - Physiological Effects of High Altitude, 215
 - Phytochemistry, 408
 - Plant Biology Today, 197
 - Primates, 307
 - Principles and Applications in Aquatic Microbiology, 118
 - Regeneration and Wound Healing, 389
 - Rice Genetics and Cytogenetics, 291
 - Scientific Change, 72
 - Speciation in the Sea, 81
 - Stochastic Models in Medicine and Biology, 327
 - Subunit Structure of Proteins, 406
 - Synthesis and Structure of Macromolecules, 113
 - Taxonomic Biochemistry and Serology, 409
 - Water Relations of Plants, 78
- Szanto, Gy. (ed.), *Regeneration and Wound Healing*, 389

T

- Taton, R. (ed.), *The Beginnings of Modern Science*, 372
- Tax, S. (ed.), *Horizons of Anthropology*, 231
- Tolles, W. E. et al., *Computers in Medicine and Biology*, 232
- Tumor formation in higher plants, genetic control of, 329
- Turrill, W. B. (ed.), *Vistas in Botany*, 3, 91; 4, 198

- Tutin, T. G. et al. (ed.), *Flora Europaea*, *I*, 294
 Tyndall, J., *The Science of Sound*, 217

V

- Van Liere, E. J., and J. C. Stickney, *Hypoxia*, 322
 Van Overbeek, J., *The Lore of Living Plants*, 283
 Van Son, G., *The Butterflies of Southern Africa*, *III*, 96
 Van Wijk, W. R. (ed.), *Physics of Plant Environment*, 297
 Volobuev, V. R., *Ecology of Soils*, 374
 Volsøe, A., J. Knudsen, and W. Rees (trans.), *The Cephalopod Papers of Japetus Steenstrup*, 97
 Von Euler, U. S., and H. Heller (ed.), *Comparative Endocrinology*, *I*, 2, 103

W

- Wagner, A. F., and K. Folkers, *Vitamins and Coenzymes*, 402
 Wagner, R. J. L., and R. T. Abbott (ed.), *Van Nostrand's Standard Catalog of Shells*, 386
 Walker, E. P. et al., *Mammals of the World*, *I*, 2, 3, 304
 Wallace, B., and A. M. Srb, *Adaptation*, 2nd ed., 372
 Wallace, H. R., *The Biology of Plant Parasitic Nematodes*, 224
 Walsh, E. G., *Physiology of the Nervous System*, 396
 Watson, E. V., *The Structure and Life of Bryophytes*, 292
 Webb, J. L., *Enzyme and Metabolic Inhibitors*, *I*, 110
 Wedberg, S. E., *Paramedical Microbiology*, 118
 Wedeck, H. E., *Love Potions Through the Ages*, 121
 Weihe, W. H. (ed.), *The Physiological Effects of High Altitude*, 215
 Wheeler, M. F., and W. A. Volk, *Basic Microbiology*, 319
 Whipple, H. E. (ed.), *Body Composition*, Pt. 1, 2, 213

- , *Fetal and Infant Liver Function and Structure*, 102

- Whitfield, I. C., *Manual of Experimental Electrophysiology*, 313
 Whittingham, C. P., *The Chemistry of Plant Processes*, 409
 Wiener, N., and J. P. Schade (ed.), *Nerve, Brain, and Memory Models*, 216
 Wilbur, K. M., and C. M. Yonge (ed.), *Physiology of Mollusca*, *I*, 310
 Williams, C. B., *Patterns in the Balance of Nature*, 185
 Williams, P. C. (ed.), *Hormones and the Kidney*, 395
 Wilson, G. S., and A. A. Miles, *Topley & Wilson's Principles of Bacteriology and Immunology*, *I*, *II*, 5th ed., 317
 Wilson, J. G., and J. Warkany (ed.), *Teratology: Principles and Techniques*, 416
 Wing, J. M., *Dairy Cattle Management*, 108
 Wolstenholme, G. (ed.), *Man and His Future*, 229
 Wood, A. E., *The Early Tertiary Rodents of the Family Paramyidae*, 83
 Wright, R. H., *The Science of Smell*, 309

Y

- Yamaguti, S., *Parasitic Copepoda and Branchiura of Fishes*, 303
 —, *Systema Helminthum*, *IV*, *V*, 302
 Young, G. T. (ed.), *Peptides*, 112
 YOUNG NATURALIST (book reviews), 183, 282, 373

Z

- Zaimis, E. (ed.), *Evaluation of New Drugs in Man*, 397
 Zechmeister, L. (ed.), *Fortschritte der Chemie organischer Naturstoffe (Progress in the Chemistry of Organic Natural Products)*, *XXI*, 220
 Zweig, G. (ed.), *Analytical Methods for Pesticides, Plant Growth Regulations, and Food Additives*, *I*, *II*, *III*, 399; *IV*, 386